

International Journal of Environmental and Science Education, 2016, vol.11, N15, pages 7348-7357

Assessment of the main indicators' relationship of projects of information and communication services' development

Chernyavskaya Y., Kiselev S., Rassolov I., Kurushin V., Chernikova L., Faizova G.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2016 Chernyavskaya et al. The relevance of research: The relevance of the problem studied is caused by the acceleration of transition of the Russian economy on an innovative way of development, which depends on the vector of innovative sphere of services and, to a large extent, information and communication services, as well as it is caused by the poor drafting of methodical approaches to the effectiveness's evaluation of the processes of information and communication services' commercialization. Purpose of the study: The purpose of the study is to develop a methodic to assess the relationship of basic indicators of projects of information and communication services' development. Methods of the study: The basic methods of research are methods of stochastic factor analysis, method of pair correlation, multiple correlation analysis, matrix models and mathematical modeling. Results of the study: Based on the analysis of traditional methodic for assessing of the cost-effectiveness of projects of information and communication systems' development the paper offers combined method to estimate the dependencies of financial indicators' basic parameters of projects on long-term development of mobile operators in providing of information and communication services. Practical significance: The paper is intended for researchers, teachers and undergraduates studying the problems to assess the effectiveness of the projects' commercialization in the service sector, particularly, in the development of information and communication services, as well as for specialists - mobile operators, engaged in the problems of development projects' investment and implementation.

Keywords

Correlation, Economic effectiveness evaluation, Forecasts of implementation, Information and communication services, Long-term development projects